Albuquerque, NM
2-4 May

R
TEAM2006™

Strategic to Tactical
Theory to Practice

Update #1
Call for Participation
Initial Speaker Information

Notice #2

This government-wide event is focused on improvement of adversarial-based assessments including variants such as red teaming, blue teaming, vulnerability assessment, risk assessment, etc., as applied for issues analysis and across the lifecycle of systems from concept, R&D, prototype, deployment, and operation, through consideration of physical, cyber, CBRNE, and other threats. Therefore, the words "red team" are used in a general context for this event.

Dual themes, "Strategic to Tactical" and "Theory to Practice," will be represented as cross cutting concepts in this conference. Red teaming has applied for strategic reasons that give long-term benefits to a system; however, we've seen an increased introduction of red teaming into both tactical military operations and situation analysis that we also wish to highlight at this event. We also wish to maintain a balance between the near-term issues of practicing red teaming today with the more theoretical work being done to improve that state of practice.

This conference is a forum for sharing and discussion about current events, process, tools, lessons learned training, and certifications for this field and how red teaming can be applied to solve a range of current program and analysis issues. Please make sure to see notice #1 for more general information about this event, including logistics and registration.

What's happening at REDTEAM2006?

We have confirmed two Keynotes so far, Dr. Steve Lukasik and Ed Badolato. Both Steve and Ed are strong advocates of red teaming, and we believe the conference will benefit greatly from their experience and insight.

Dr. Steve Lukasik

From 1967–1974 Steve served as Deputy Director and then Director of the Department of Defense Advanced Research Projects Agency (ARPA). Later he served as Chief Scientist of the Federal Communications Commission. He has held senior positions at Xerox, RAND, Northrop, and TRW, and is the author of numerous papers and reports dealing with national strategies for cyber defense and for international approaches to the protection of information systems against cyber crime.

Colonel Ed Badolato (USMC, Ret.)

Ed is President and CEO of Integrated Infrastructure Analytics, Inc. (IIA), a leading provider of specialized power, water, and homeland security products and support services. He served under Presidents Reagan and Bush as a Deputy Assistant Secretary at the Department of Energy (1985-1989) where he was the principal director of security, energy contingency planning, and international energy security activities. He is currently heavily involved in post-9/11 security assessments of US critical infrastructure, homeland security matters, weapons of mass destruction, and security programs with major chemical, energy, transportation, and industrial process companies to prevent terrorist attacks.

We also have two invited speakers on the agenda: Jeff Cares of Alidade Incorporated and MAJ Stan Richister of the Air National Guard. Jeff was recently honored by Harvard Business Review for having one of the top 20 "breakthrough ideas" of 2006. Jeff will discuss his idea and explain how it illuminates the complexities inherent in RED/BLUE competition. We are also very pleased to have invited MAJ Richister, who--by all accounts--delivers a unique and fascinating presentation on social engineering.

Our tentative list of regular speakers includes presenters from a range of organizations: DIA, CIA, DHS, NSA Red Team, NRO, JIOC, DoS, AFRL, MITRE, U.S. Army 1st IO Command, NCTC, NGIC, U.S. Navy Medical Research Center, AF Space CHOP, Adventium Labs, Washington Safety Management, Akamai, SRA International, BTAS Inc., and Sandia Labs. These groups will be presenting the following working topics/titles:

- Real-time Computer network Security Testing for Technology Demonstrations
- Exploit and Attack Trends
- Integration of Red Teaming into Blue Team Vulnerability Assessments
- Applying red teaming in an exercise environment
- Data resources available for red teaming
- Assessing the current threat
- Red teaming in current operational environments
- Red teaming pitfalls
- Social engineering
- Red teaming an enterprise security service
- Applying a red-blue optimization tool
- Automated assessment processes
- The complexity of red-blue interactions

- Red teaming space applications
- Determining security effectiveness through adversarial modeling

Slots are still open and we are working on a formal agenda now. If you are considering participating, please let us know!

Remember that one of our goals is to have ample time during the conference for interaction with others. We will have breaks, long lunch periods, a social, and optional activities from which you can defer in order to meet with others working the domain of red teaming.

Our conference theme "Strategic to Tactical; Theory to Practice," is intended to provide inspiration to all talks. We've identified tracks and sub tracks so far in the following areas:

(1) red teaming information systems,
(2) red teaming physical systems,
(3) red teaming in combat environments,
(4) adversary modeling and current threats,
(5) tools and resources, and
(6) red teaming theory and methodology.

As with last year, we will include several optional tours of facilities and programs here at Sandia so as to better help you digest lunch. Right now we have confirmed a tour of our directed energy program. We may reprise the Center for Control System Security tour, which includes a number of demonstrations, because we've made a lot of progress in that program.

In order to provide some change and energy, we are also considering more participative activities, to include demos, training, a professionally facilitated brainstorm, and even a mini tabletop game. We will provide more details (and signup opportunities) for each of these activities soon.

On a lighter note, we invite all organizations who would like to participate in a red team logo contest to send us a copy their organizational logos. We will open the voting to attendees and announce the winner at the conference. Please send a graphic file of your logo with explanation to redteam2006@sandia.gov, with title "logo contest."

An agenda is being constructed and will be sent in a future update.

Logistics

Note that there are upcoming deadlines on conference logistics! The Marriott is filling up, and the date for that block of rooms expires on April 11th. We will be arranging for other hotels on the conference bus route so we have options once accommodations here are full. Contact Amy Bowen with questions.

As always, feel free to contact us with questions and comments. The redteam2006@sandia.gov reaches all three of us. Our specific emails are as follows:

Amy Bowen, Conference Registration/Logistics:

adbowen@sandia.gov

Mark Mateski, Technical Committee Chair (speakers and tracks): memates@sandia.gov

Michael Skroch (skraw), Conference Director and Host: mjskroc@sandia.gov

Exhibit space

Limited exhibit space is available to provide attendees with additional information about capability, tools, and other information about red team programs. This space is not intended for commercial sales or third-party tool vendors. Cost for exhibit display space including 10-foot display unit backdrop and table is $400. Table only will be less. Specific details of exhibit space and equipment must be negotiated with the conference coordinator.

Registering for the event

Please see notice #1 for additional information about registering for this event. Clearance and US Citizenship is required. The fee is $350 before April 3rd, 2006 and $400 after that date, at all times a $50 discount for speakers accepted for the event. Additional cost applies for exhibit space. Our fees are limited to cost recovery for this event.

Access to KAFB is controlled. Information about access to the base will be provided upon registration. It is anticipated that attendees may want rental cars; however, the conference will provide bus service between hotels and the conference. Check web site for more information.

More information

Register for email notification by sending a message to "redteam2006@sandia.gov." Additional updated information will be provided at "www.sandia.gov/redteam2006/".

Sandia National Laboratories